FIG.1 PRIOR ART

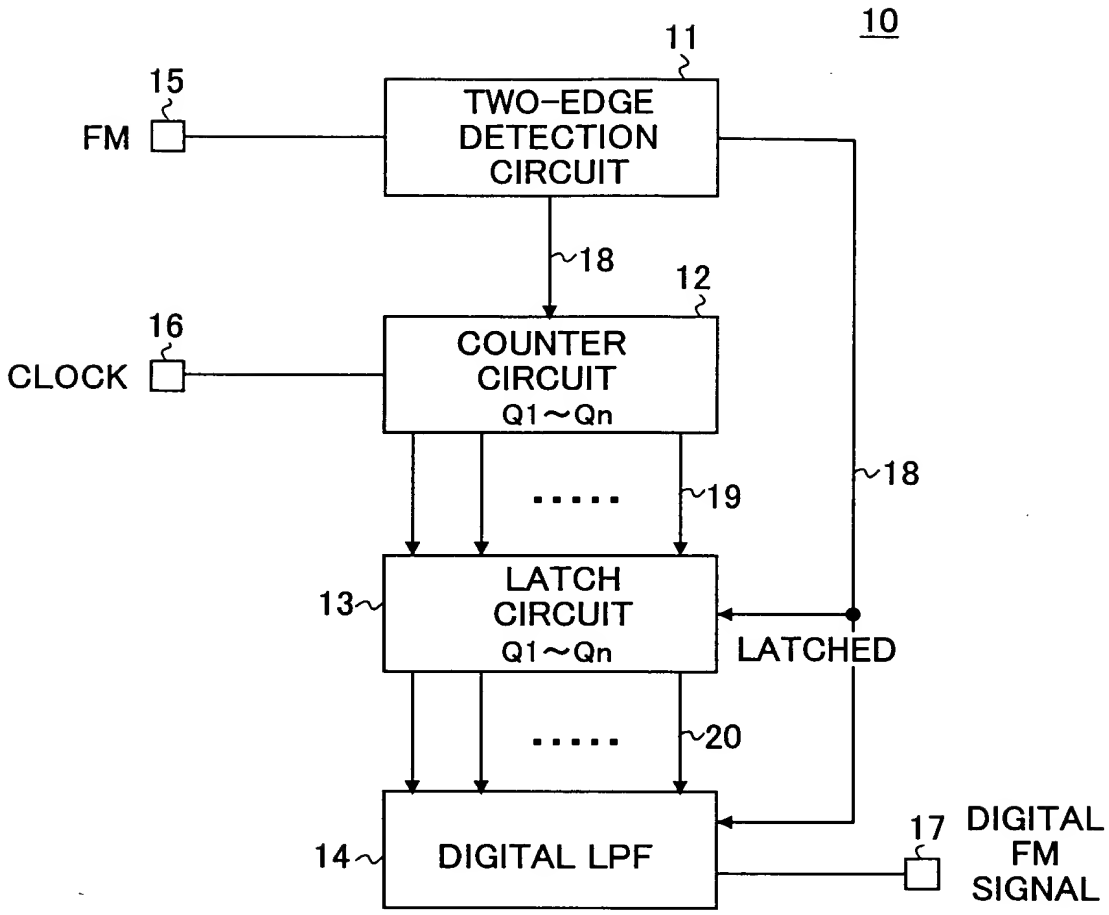

FIG.2
PRIOR
ART

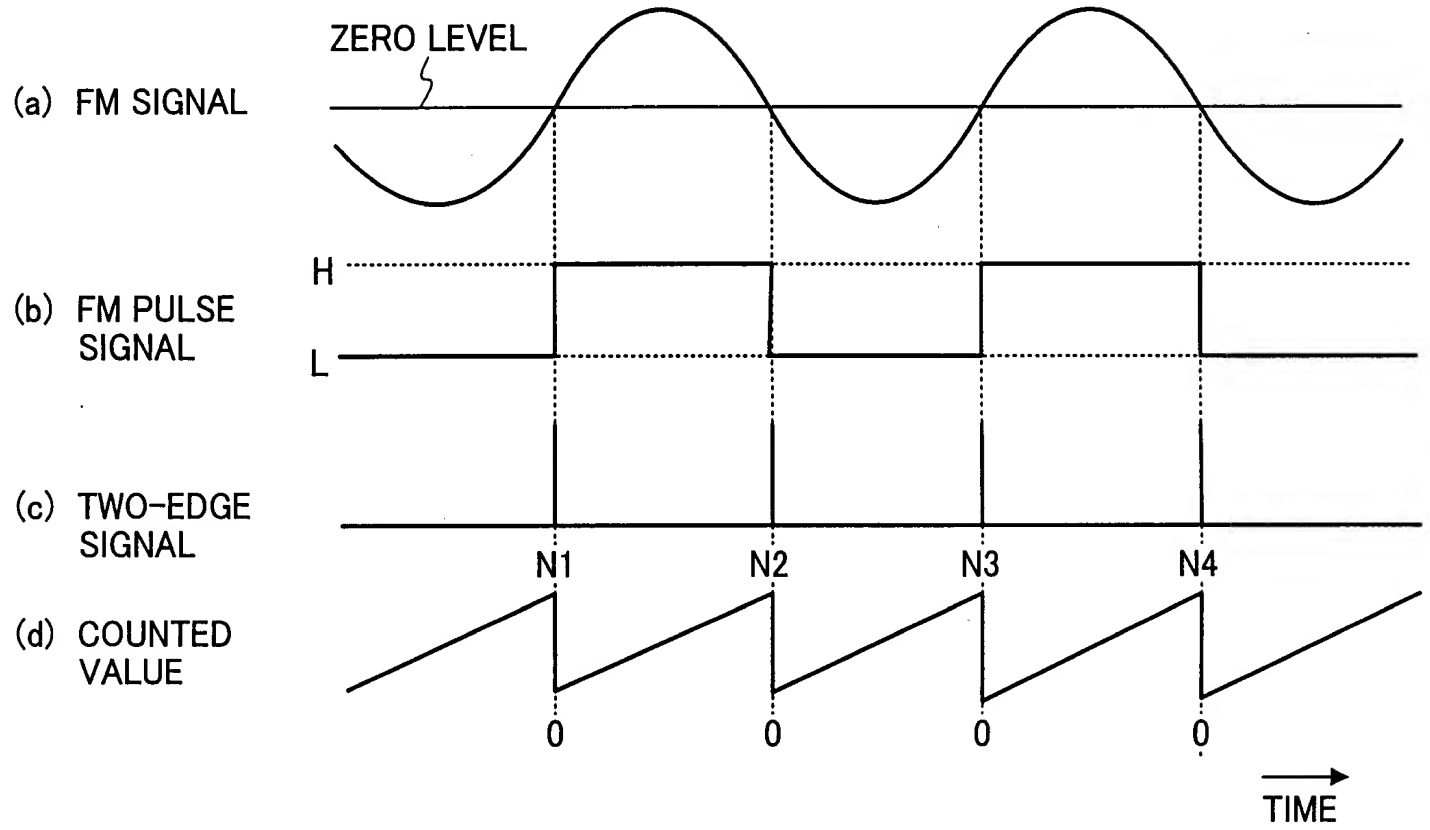

FIG. 3 PRIOR ART

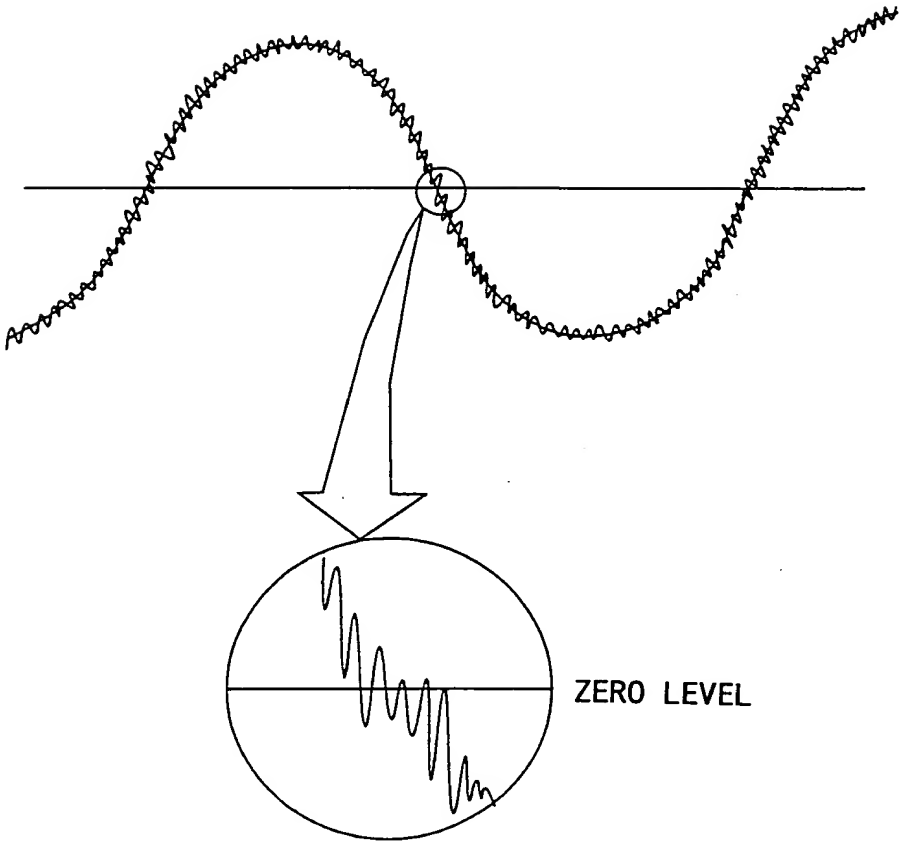

FIG.4
PRIOR
ART

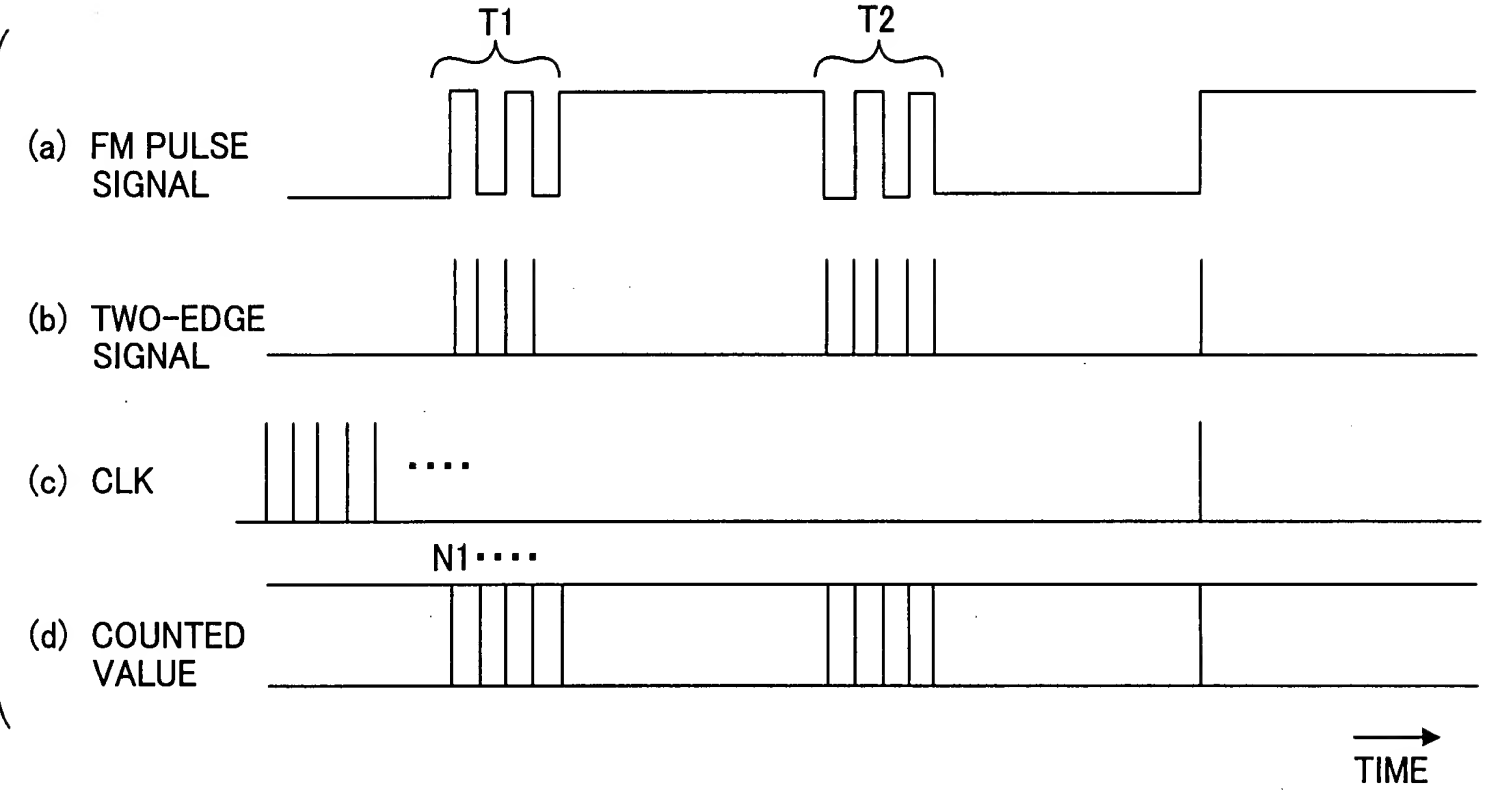

FIG.5
PRIOR
ART

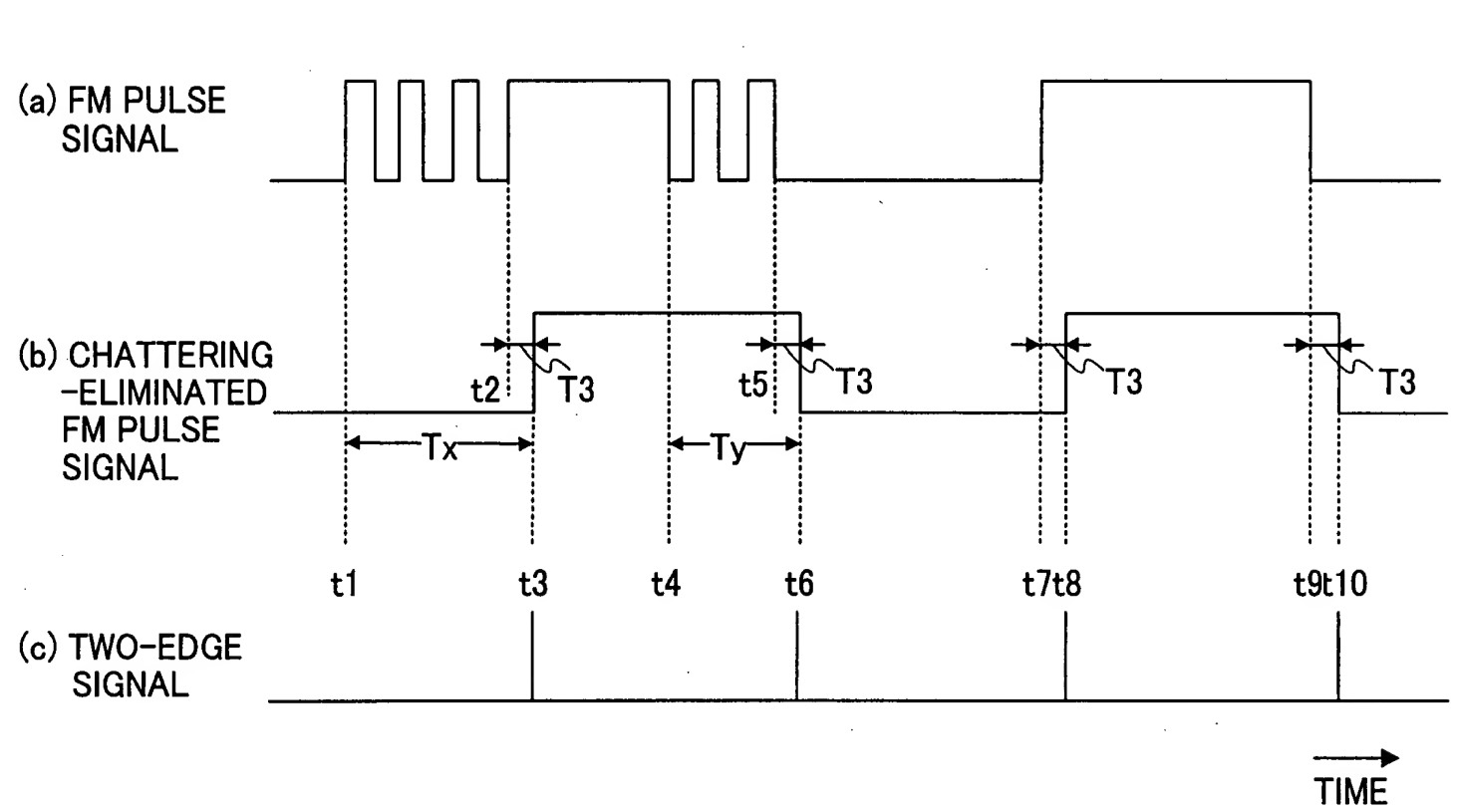

FIG.6

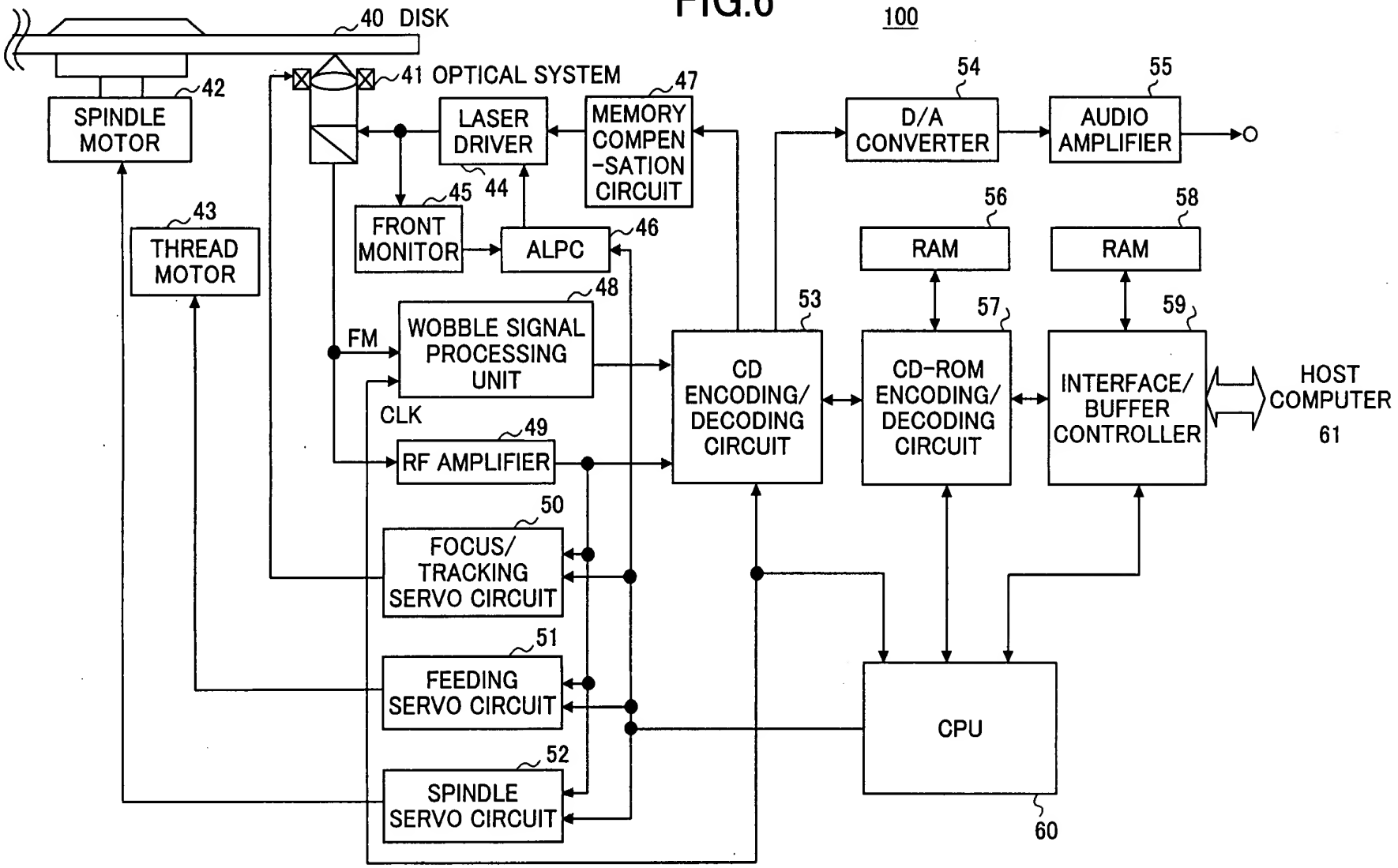

FIG.7

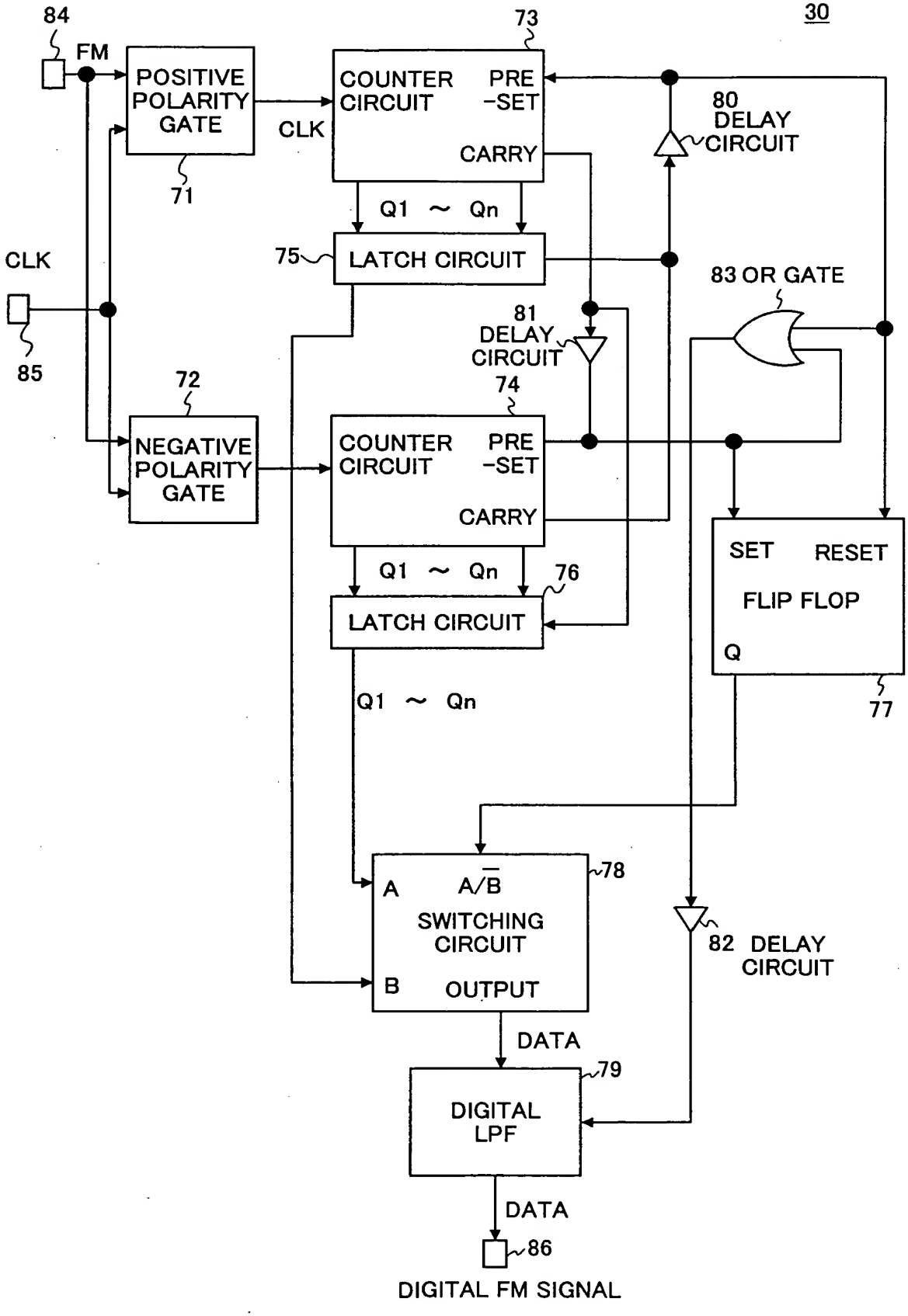
84
FM
POSITIVE POLARITY GATE
71
CLK
73
COUNTER CIRCUIT
PRE -SET
CARRY
Q1 ~ Qn
75
LATCH CIRCUIT
30
80 DELAY CIRCUIT
CLK
85
81 DELAY CIRCUIT
83 OR GATE
72
NEGATIVE POLARITY GATE
74
COUNTER CIRCUIT
PRE -SET
CARRY
Q1 ~ Qn
76
LATCH CIRCUIT
SET
RESET
FLIP FLOP
Q
77
Q1 ~ Qn
78
A
A/B
SWITCHING CIRCUIT
B
OUTPUT
82 DELAY CIRCUIT
DATA
79
DIGITAL LPF
DATA
86
DIGITAL FM SIGNAL

FIG.8

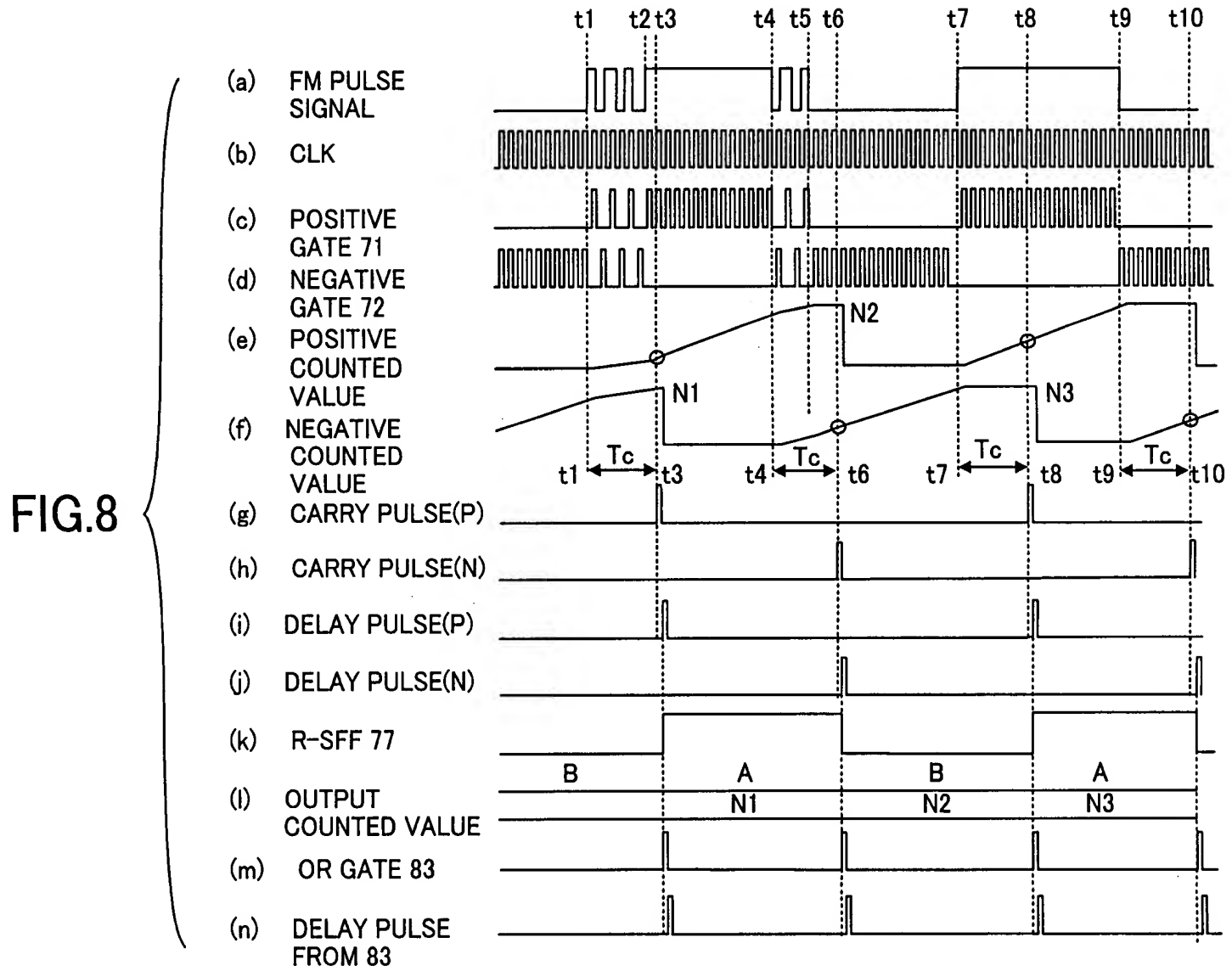

FIG.9

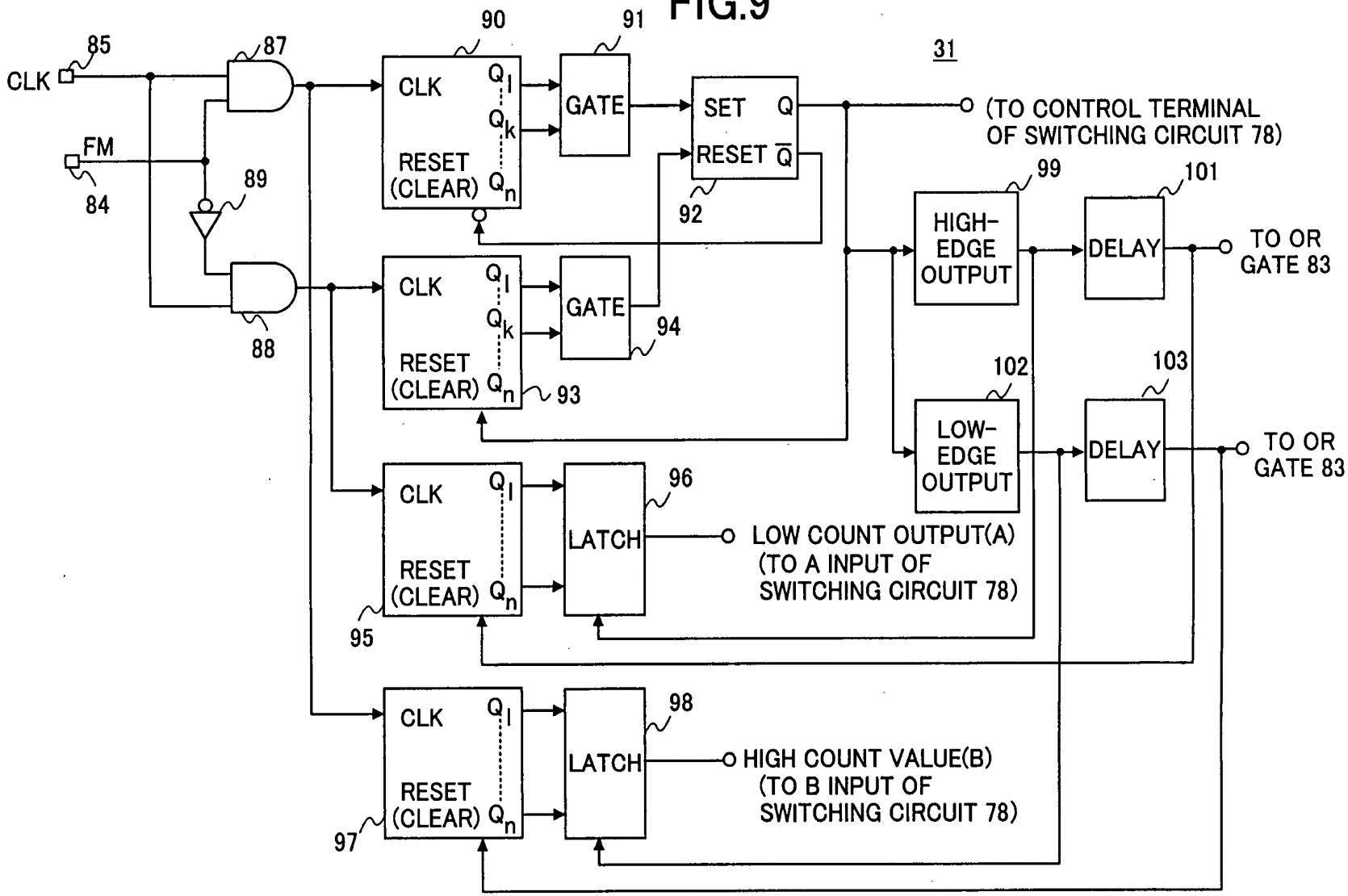

FIG.10

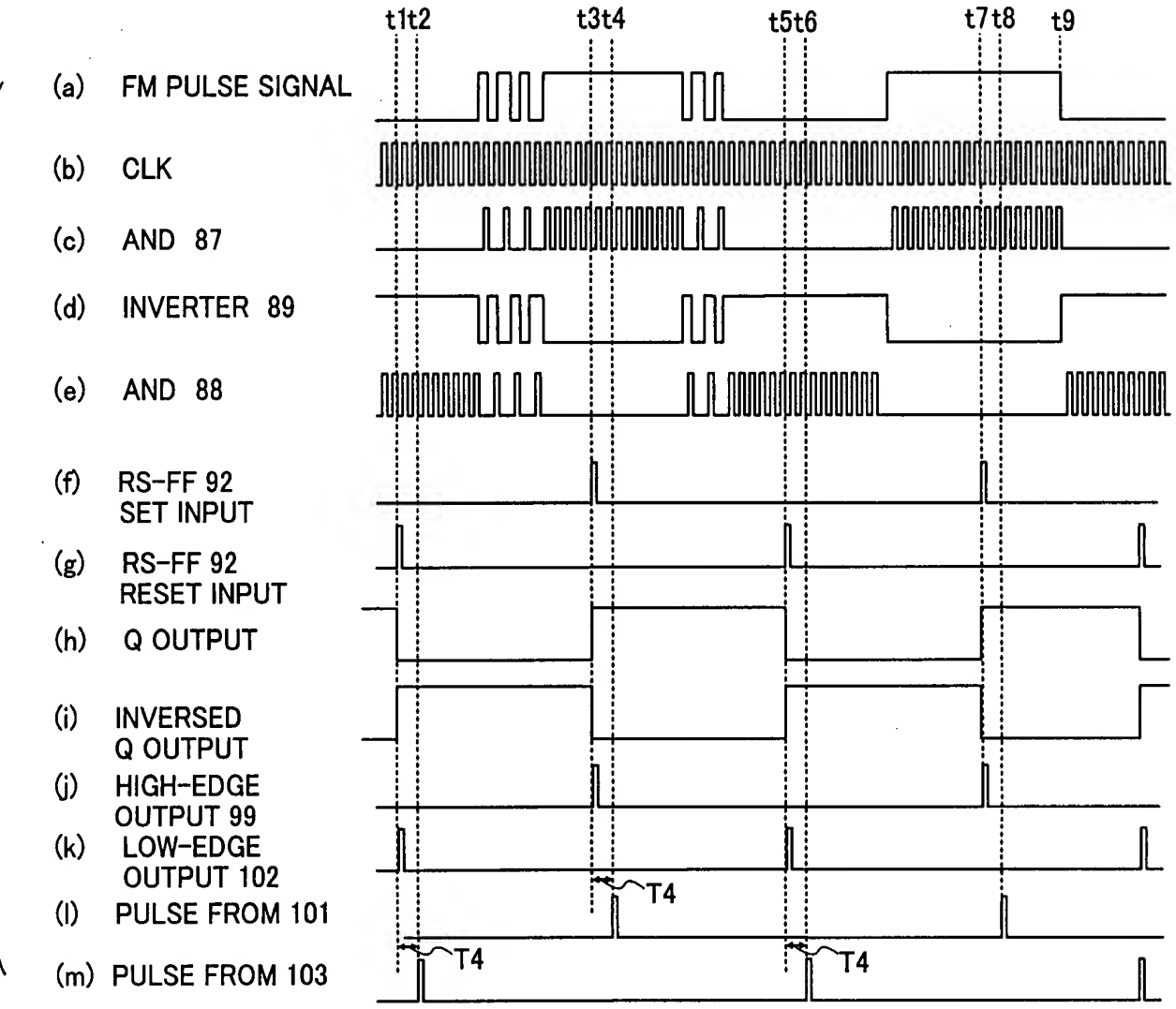

FIG.11

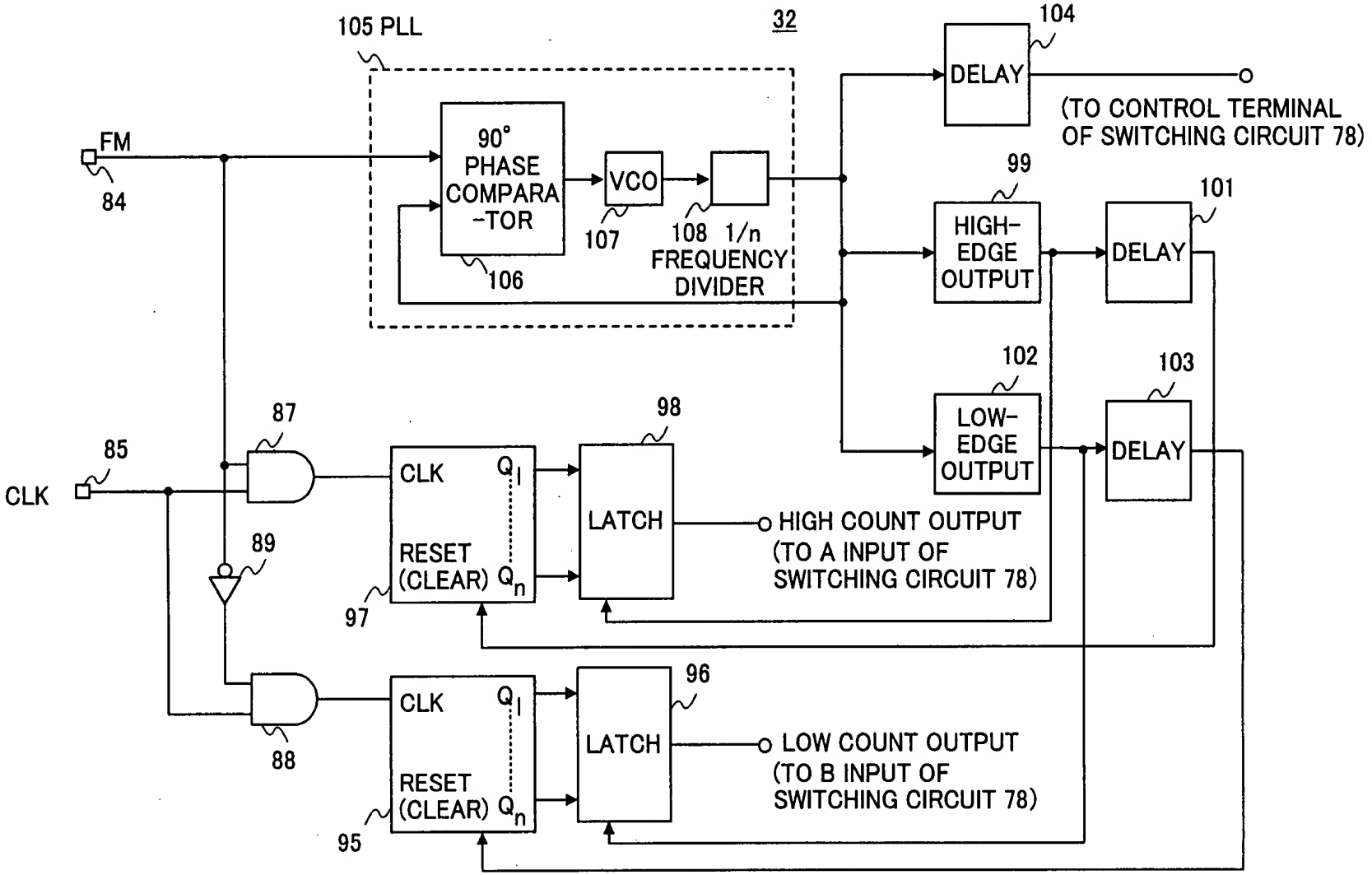

FIG.12